[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 855 23 April 1995

Sunday Schedules:

3.545 MHz (Plus/minus 5)	0930 UTC	VK2BQS (Jim)
7.045 MHz -3	0030 UTC	VK2CTD (Col)
14.070 MHz (amtor/fec)	0030 UTC	VK2DPM (Alan)
14.091 MHz	0030 UTC	VK2BQS (JIM)
146.675 MHz	0030/0930 UTC	VK2JPA (PAT)
144.850 MHz (ax25 bbs)		VK2JPA AT VK2AAB
146.675 MHz (rtty mmbbs/repeater)		VK2RTY
7.042 Mhz amtor/pactor mbs		VK2CTD

INTERNET RADIO-INFO-DIST AT UCSD.EDU

Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.

Some snippets from the April Digital Journal

The Digital Journal this month has started a multi-part item called Amateur Digital Communications -- What comes next?

The item looks at computers and communications and discusses the possible developments such as voice recognition used with packet, compressed digital pictures produced on the spot, not previously composed ones, using tools such as a digital sketch pad which can be used to send doodles, antenna layout sketches, almost anything one can name in that direction.

As for future modes, the drive seems to be back to narrow modes with the least bandwidth . For instance, Gin JA1ACB is planning CW-RTTY (one tone, on-off Baudot) with the bandwidth needed being only about 125 Hz. This mode is being called Coherent CW by others interested in achieving the same ends.

With the frequencies being so crowded, future allocations could be made on bandwidth requirements, not broad blocks of frequencies as in the past. There is also a short look at transceivers and what needs to be achieved in that field.

If you can gain access to this very good magazine, this series will well be worth a read or even keeping to see how accurate the forecasts are for the next ten years or so.

Next issue, Part Two will look at Environment, Operations, Public Service, Networks, Antennas and more.

IPS WEEKLY REPORT

14 APRIL - 20 APRIL

DATE OF ISSUE: 21 APRIL 1995

INDICES:

DATE	14	15	16	17	18	19	20
10CM	88	91	89	89	90	92	86

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A         5     3     4     6     6     9   (10 ESTIMATED)
T        23    28    28    39    38    45    40
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SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS QUIET 14TH TO 17TH APRIL, AND QUIET TO UNSETTLED 18TH TO 20TH.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE NEAR TO SLIGHTLY ABOVE PREDICTED MONTHLY VALUES 14TH TO 16TH, AND 18TH APRIL, AND 10 TO 30 PER CENT ABOVE FOR THE REMAINDER OF THE WEEK.

FORECAST (21 APRIL - 27 APRIL)

SOLAR: VERY LOW TO LOW.

GEOMAGNETIC: UNSETTLED TO ACTIVE 22 TO 25 APRIL, WITH POSSIBLE MINOR STORM PERIODS ON 22 APRIL, QUIET TO UNSETTLED OTHERWISE.

IONOSPHERIC: DEGRADED HF COMMS ON 23 TO 26, NEAR NORMAL OTHERWISE.

COURTESY OF THE IPS RADIO AND SPACE SERVICES

RTDX0414 RTTY DX

VK2SG RTTY DXNOTES FOR WEEKENDING 14 APRIL 1995 (BID RTDX0414)

Our information this week came from AA5AU, F6AJA, I5FLN, JF1MGI, K6WZ, KA3DBN, W5KSI, WB2CJL, WX5L and the KN5V Packetcluster, ZS5S, and the NJ0M Node of the Minnesota DX Packetcluster Network.

Friday 7
1504-14087 HS0ZAA
2122-14063 S92ZM Pactor
2127-14076 YV1AQE Pactor

Saturday 8
1212-14085 CS6CBI
1652-14084 ZD7DP
1757-14082 FR5HE/E
2107-14081 TZ4FIC
2141-14082 ZP6CC

Sunday 9
1045-14069 VQ9TN
1236-14085 GD4EBA
1242-14082 ID8/IK8RIK Special event
1243-14082 IR2B Special event
1247-14081 EA8PDT
1253-14084 CT1AUR
1256-14078 PJ2MI Pactor
1301-14079 PJ2MI AMTOR ARQ
1322-14085 9A3FT
1406-14082 YU1AB
1406-14082 9A5NW
1409-14084 9M8BT QSL via N5FTR

1446-14085 FR5HE/E QSL via F6FNU
1537-14086 ON4UN
1814-14080 CO2JE

Monday 10
1756-14084 XE1RK
1807-14086 VP2VE
1824-14081 VP8CQS Wkg EU QSX up 6. QSL DL1EHH
2130-14081 VP8CQS
2150-14089 VP8WA
2310-14085 KI4PR/LU
2319-14086 PP7FB
2343-14087 LU4AA

Tuesday 11
0008-14082 CO2JE
0010-14088 CP1VP
0047-14081 CX7BF

Wednesday 12
0139-14081 VP8CQS Wkg USA
0157-14080 PY5CA
0242-14085 HK4BGW
0305-14081 KH6/KF7UO
0329-14083 AH6HH
2115-14067 EA5FIN
2142-14066 PP2DYX Pactor
2328-14083 ZP5FGS

Thursday 13
0026-14086 CO3ZD
0100-14085 9G1BS
0106-14081 VP8CQS
0128-14085 9G5BS
0131-14083 ZP5ALI
0145-14083 PY2WT
0154-14083 LU9JFI
0156-14073 AA6ZP/CE3 Pactor
0218-14085 AH6HH
1327-14083 J6/DK1RP
1819-14082 XE1XOE

Notes of Interest:
RSGB reports that the prefix LN will be aired for the first time on amateur radio from 1-8 May to celebrate the 50th anniversary of the end of WW2 in Norway. LN1V will operate on CW, SSB and Digital modes on a wide variety of frequencies.

Bruno F5JYD and Eric F5SSM will sign TO7I from St. Pierre et Miquelon (FP) from 27 April to 6 May. They will be active on all bands (WARC included) on SSB and RTTY. QSL via F5JYD.

For those who have inquired, FT5XJ QSL cards have been received by several stations.

The VK2SG RTTY DX Notes are also available on Internet via Telnet or FTP at ab6z.amp.org. The directory is called /rttynote. For next week's bulletin send your bandpass and notes of interest to Bob, WB2CJL at W5KSI.#NOLA.LA.USA.NOAM

73 es Good Hunting de Jules W2JGR at W5KSI.#NOLA.LA.USA.NOAM
or Internet: w2jgr@millcomm.com

ARLD018 DX news

This week's bulletin was made possible with information provided by Rick, NE8Z, Tedd, KB8NW, the Yankee Clipper Contest Club PacketCluster network and the Contest Corral column from the pages of QST magazine. Thanks to all.

HUANG YAN DAO, AKA SCARBOROUGH REEF. BS7H is on the air from IOTA AS-116. Operators BZ1HAM, BZ1OK, KC6KOU, KJ4VH, OH0XX and OH2BH want to provide one QSO for as many stations possible rather than make multiple band/mode QSOs with fewer stations. Check 3505, 7025, 14025 and 21025 kHz CW and 3785, 7045, 14195, 21295 kHz SSB. QSL via JA1BK. A pirate was spotted on 15 meter CW prior to 0830z April 13.

TANZANIA. Eric, OH2BBF, should be arriving at Ngara April 14 to start a two month stay. He is bringing a TS-50 and hopes to obtain a license. Eric will try to make side trips to 5X, 9Q, 9U and 9X. QSL via OH2BBF after he returns home.

CENTRAL KIRIBATI. Bill, T31JK is on the air from Canton Island. He operates on 40 through 10 meters with SSB and CW, though he prefers SSB. Check 20 meter SSB around 0830z. QSL T31JK via GW0OJK, Bill's home call.

BRUNEI. V85GA sometimes operates from club station V85BG on 20 meter SSB. It has been reported that a new 160 meter antenna has been installed.

AFGHANISTAN. Oleg, YA/UT9XL, has been heard on 14120 kHz around 1445z. He should continue to be active from the Ukrainian Embassy in Kabul for 2 to 3 more months. QSL via PO Box 207 Pavlograd, 323012 Ukraine.

WESTERN SAHARA. Tim, KC0PA, is now signing 4U/KC0PA instead of S0/KC0PA. He has apparently obtained the appropriate approval from the UN commander and thus the call sign change. QSL via VE9RHS. S0RASD has been active on 75 and 17 meters.

MADAGASCAR. Ben, 5R8DS, has improved his 80 meter antenna. He uses an inverted L 30 meters long and 15 meters high. The ground system consists of 24 radials each 11 meters in length. He is active mornings from 0230 to 0305z on 3606 kHz. Ben requests not to call him on his frequency unless you really hear him. QSL via Ben Witvliet, Box 404, Antananarivo 101, Madagascar.

MEXICO. Rick, NE8Z, will be signing XE3/NE8Z April 14 to 24 from various sites on the Yucatan Peninsula. He will operate 160 through 10 meters with mostly CW and some SSB. QSL via K8LJG.

COMING EVENTS

APRIL	22ND-23RD	SPDX RTTY CONTEST
MAY	13TH-14TH	VOLTA RTTY DX CONTEST
JUNE	10th-11th	VK ANARTS DX WW RTTY CONTEST.

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD @ VK2XSB, or the Secretary (Pat) VK2JPA @ VK2AAB.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA @ VK2AAB. Email address for the Broadcast Officer is :

patl@pitt.conmusic.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We are looking for-ward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer
That concludes A.N.A.R.T.S. News Bulletin 855 23rd April 1995.

Inserted by VK2BQS (Jim), Vice-President A.N.A.R.T.S..de VK2TTY
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Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD